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				Application Number	10/591,644-Conf. #1802	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	September 5, 2006	
				First Named Inventor	Kenichi HORIGUCHI	
				Art Unit	2817	
				Examiner Name	P. T. Nguyen	
Sheet	1	of	1	Attorney Docket Number	1163-0582PUS1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document		
	AA*	US-2,085,011-A	06-29-1937	Ditcham		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear		
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY			T ⁶	
	ВА	WO-0195481-A1	12-13-2001				
	ВВ	JP-9-204164-A	08-05-1997			ABS	
	ВС	JP-6214534	08-05-1994			ABS	
	BD	JP-62163164	07-18-1987			ABS	
	BE	JP-5328370	12-10-1993			ABS	
	BF	JP-2000305553-A	11-02-2000			ABS	

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		NON PATENT LITERATURE DOCUMENTS	
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